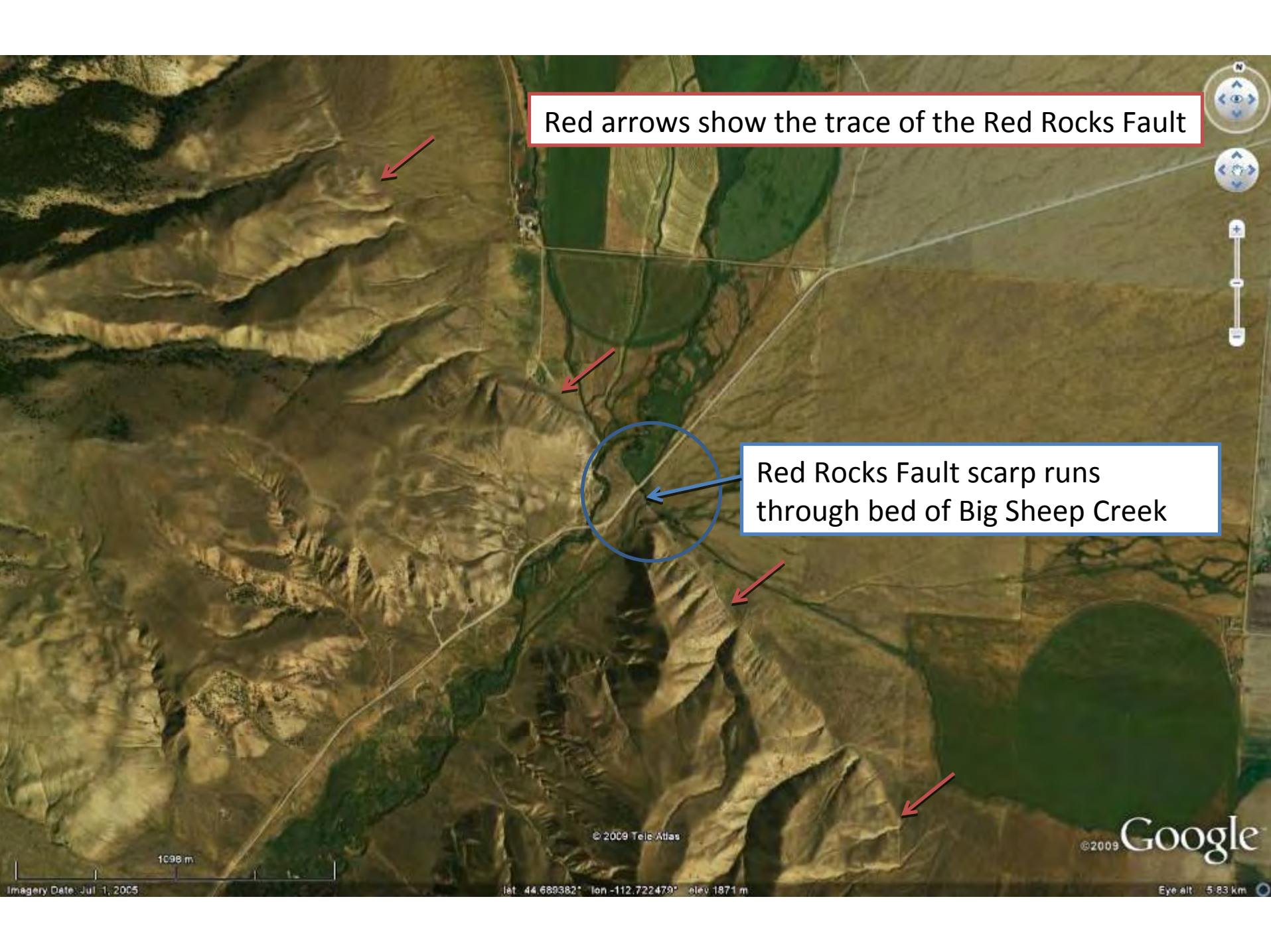


A satellite map showing a desert landscape with a prominent fault line. The fault line is marked by red arrows and runs diagonally across the image. A blue circle highlights the intersection of the fault line and a creek. The creek is labeled as Big Sheep Creek. The map includes a scale bar, a compass, and a Google logo.

Red arrows show the trace of the Red Rocks Fault

Red Rocks Fault scarp runs through bed of Big Sheep Creek

© 2009 Tele Atlas

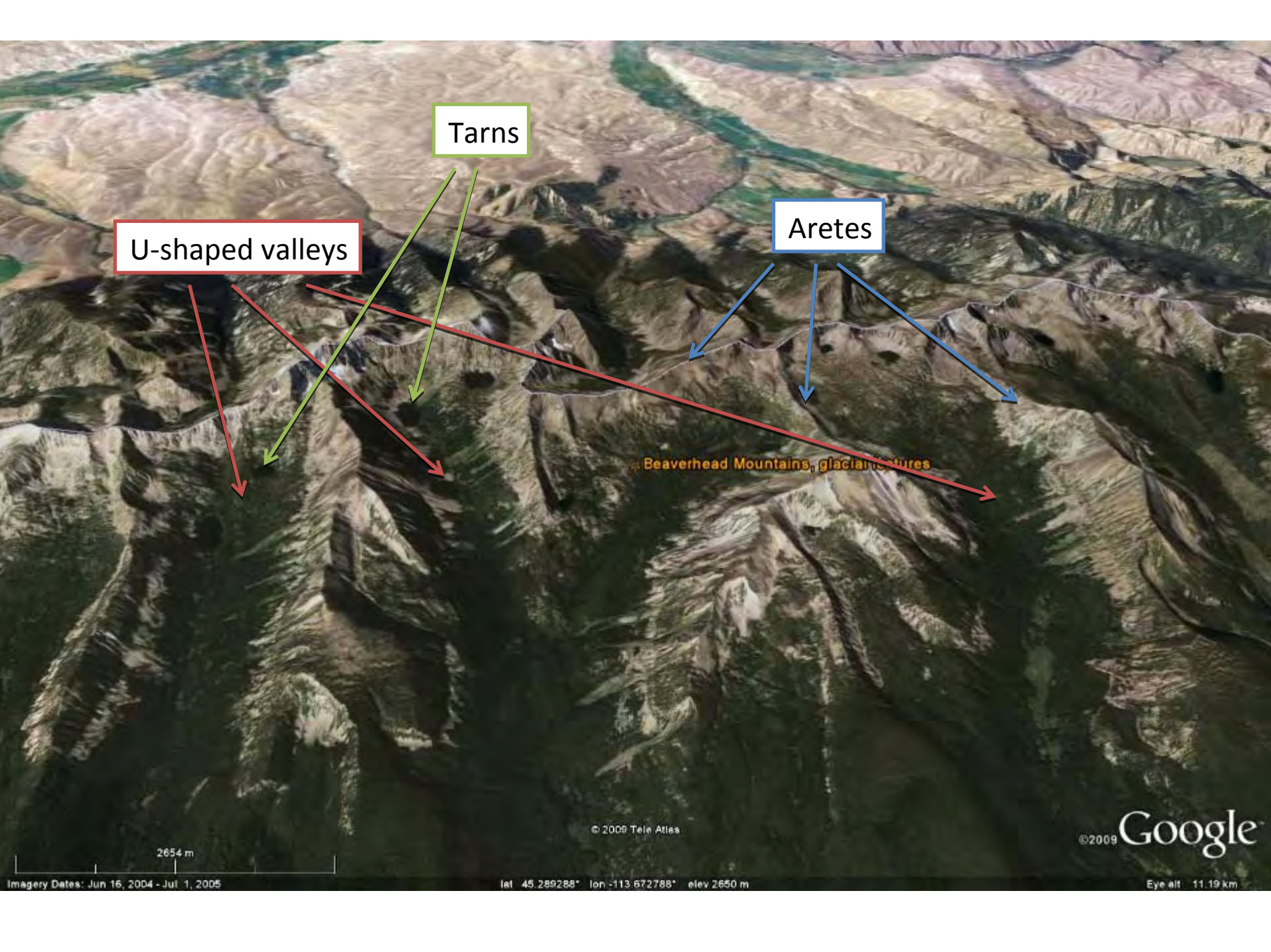
© 2009 Google

1098 m

lat 44.689382° lon -112.722479° elev 1871 m

Eye alt 5.83 km

Imagery Date: Jul 1, 2005



Tarns

U-shaped valleys

Aretes

Beaverhead Mountains, glacial features

© 2009 Tele Atlas

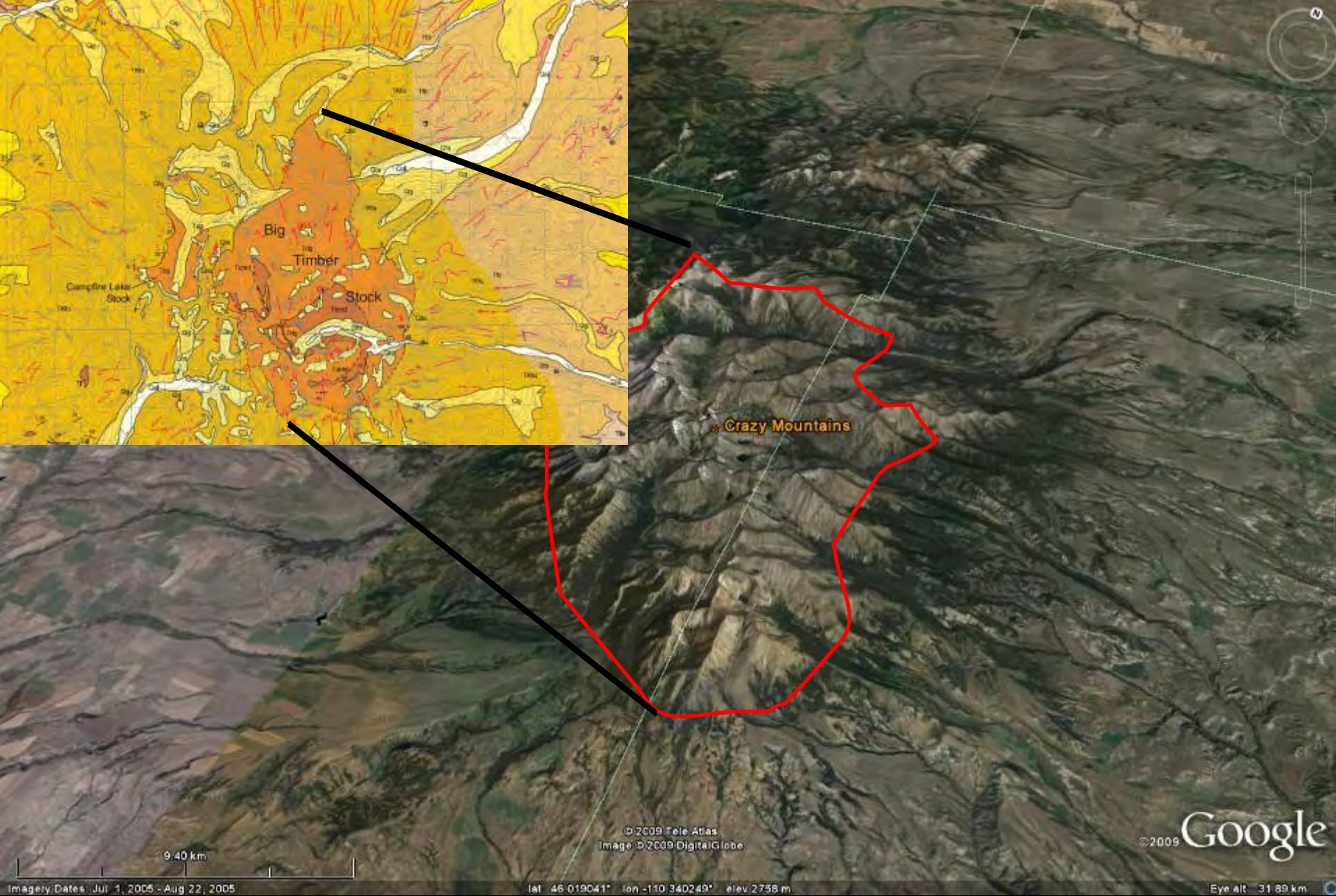
©2009 Google

2654 m

Imagery Dates: Jun 16, 2004 - Jul 1, 2005

lat 45.289288° lon -113.672786° elev 2650 m

Eye alt 11.19 km



McDonald, C., Lopez, D.A., Berg, R.B., Gibson, R.I., 2005, Preliminary geologic map of the Ringling 30' x 60' quadrangle, central Montana, Montana Bureau of Mines and Geology: Open-File Report 511, 1 sheet(s), 1:100,000.

Wise River

Braided flood plain

Wise River braided stream valley

© 2009 Tele Atlas

© 2009 Google

Imagery Date: Jul 1, 2005

lat 45.764317° lon -112.983303° elev 1775 m

Eye alt 4.50 km

Big Hole River

Melrose abandoned meanders

Town of Melrose

© 2009 Tele Atlas

Google

Imagery Date: Jul 1, 2005

lat 45.636444° lon -112.694136° elev 1580 m

Eye alt 3.43 km



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1495 m

Imagery Date: Jul 1, 2005

lat 45.825874° lon -112.749205° elev 1951 m

Eye alt 7.27 km

Resistant igneous rock





Continental Pit

East Ridge

Continental Fault

Tailings pond

Tailings dam

Berkeley Pit

Continental Pit

Continental Fault



arêtes

horn

Mill Creek glacial valley

Mount Hagan

tarns

cirques

U-shaped valleys

Google

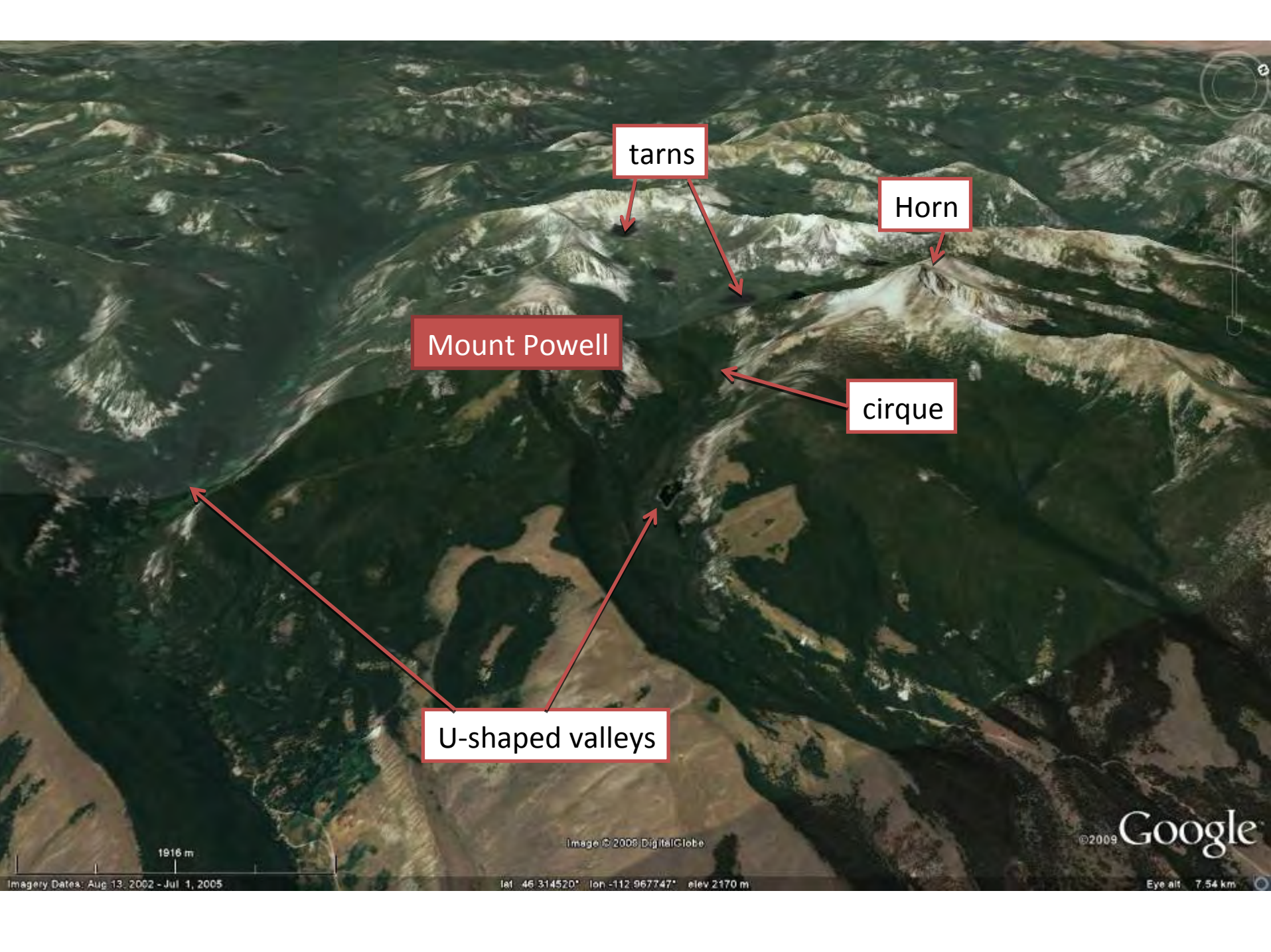
1859 m

Image © 2009 DigitalGlobe

Imagery Date: Jul 1, 2005

lat 46.093805° lon -113.036018° elev 2632 m

Eye alt 8.21 km



tarns

Horn

Mount Powell

cirque

U-shaped valleys

1916 m

Image © 2006 DigitalGlobe

©2009 Google

Imagery Dates: Aug 13, 2002 - Jul 1, 2005

lat 46.314520° lon -112.967747° elev 2170 m

Eye alt 7.54 km



Clark Fork River

Missoula

Many beach line traces

Clark Fork River

Bitterroot River



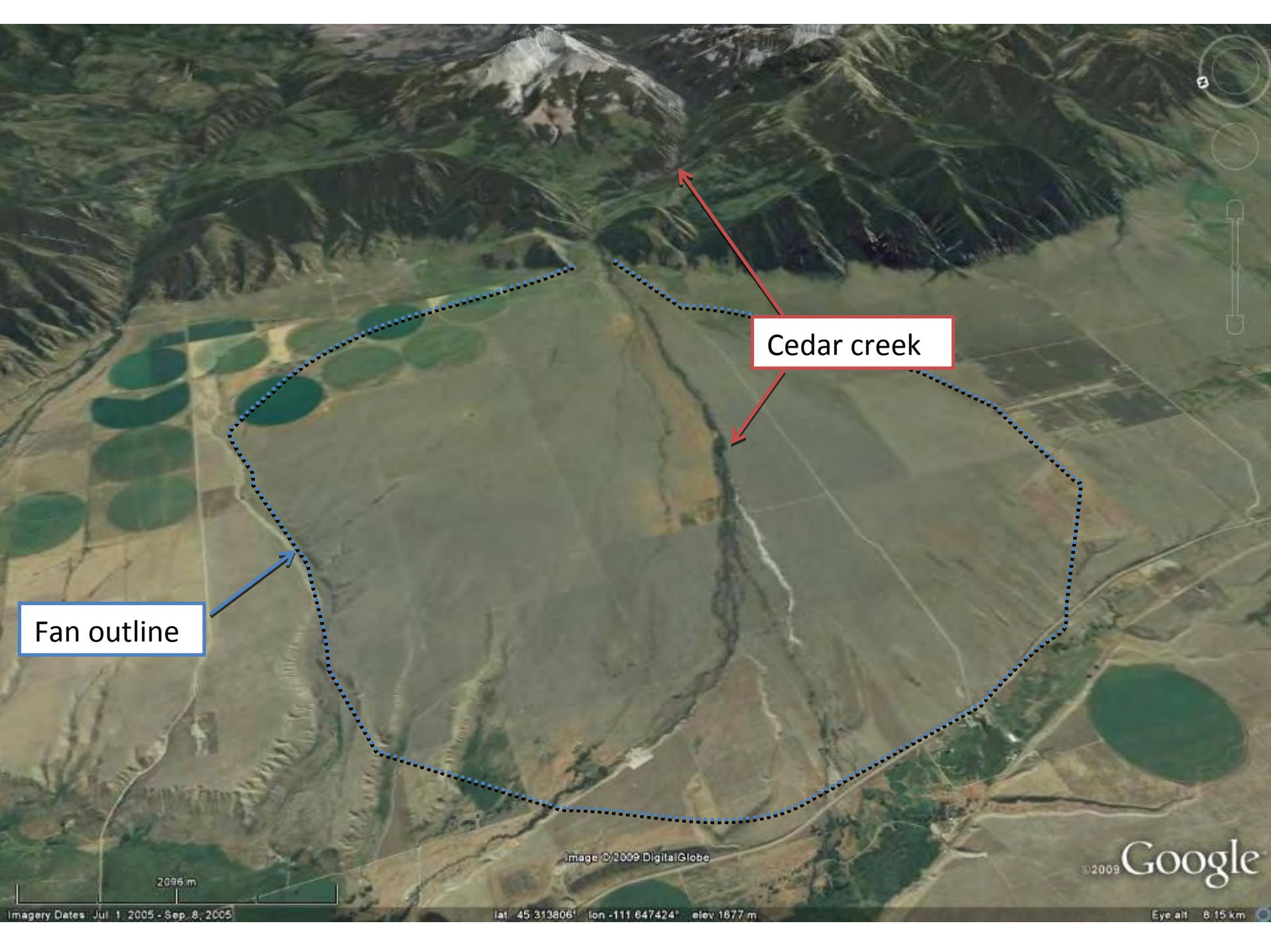
Image © 2009 DigitalGlobe

©2009 Google

Imagery Dates: Nov 24, 2002 - Jul 11, 2007

lat 46.871111° lon -114.055428° elev 957 m

Eye alt 8.78 km



Cedar creek

Fan outline

Image © 2009 DigitalGlobe

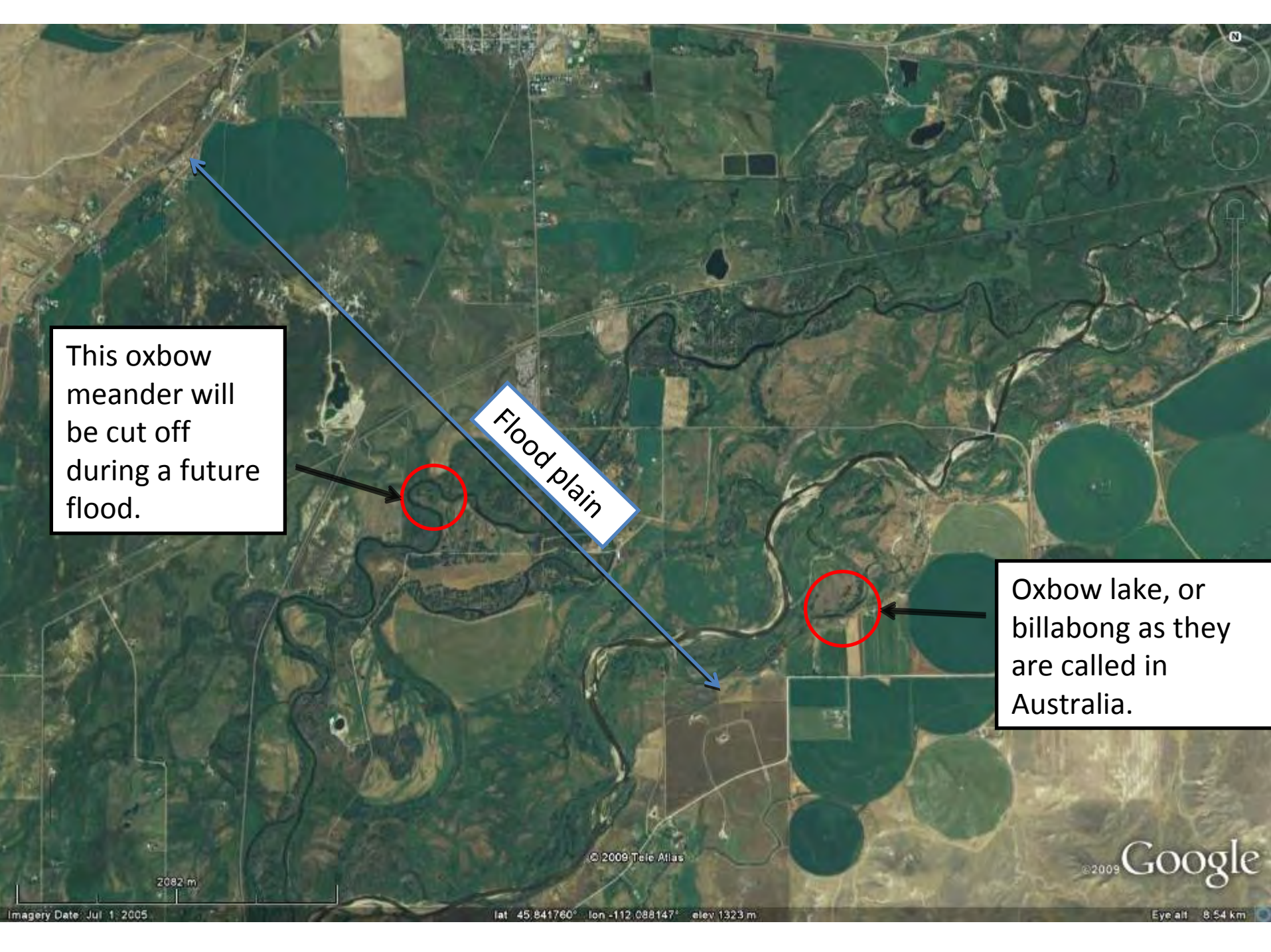
©2009 Google

2096 m

Imagery Dates: Jul 1, 2005 - Sep 8, 2005

lat 45.313806° lon -111.647424° elev 1677 m

Eye alt 8.15 km



This oxbow meander will be cut off during a future flood.

The image is a satellite map showing a river with several meanders. A blue arrow points from a text box on the left to a specific meander. A black arrow points from another text box on the right to a circular oxbow lake. A blue label 'Flood plain' is placed along a section of the river. Two red circles highlight specific features: a meander and an oxbow lake. The map includes a scale bar, a north arrow, and coordinate data at the bottom.

Flood plain

Oxbow lake, or billabong as they are called in Australia.

2082 m

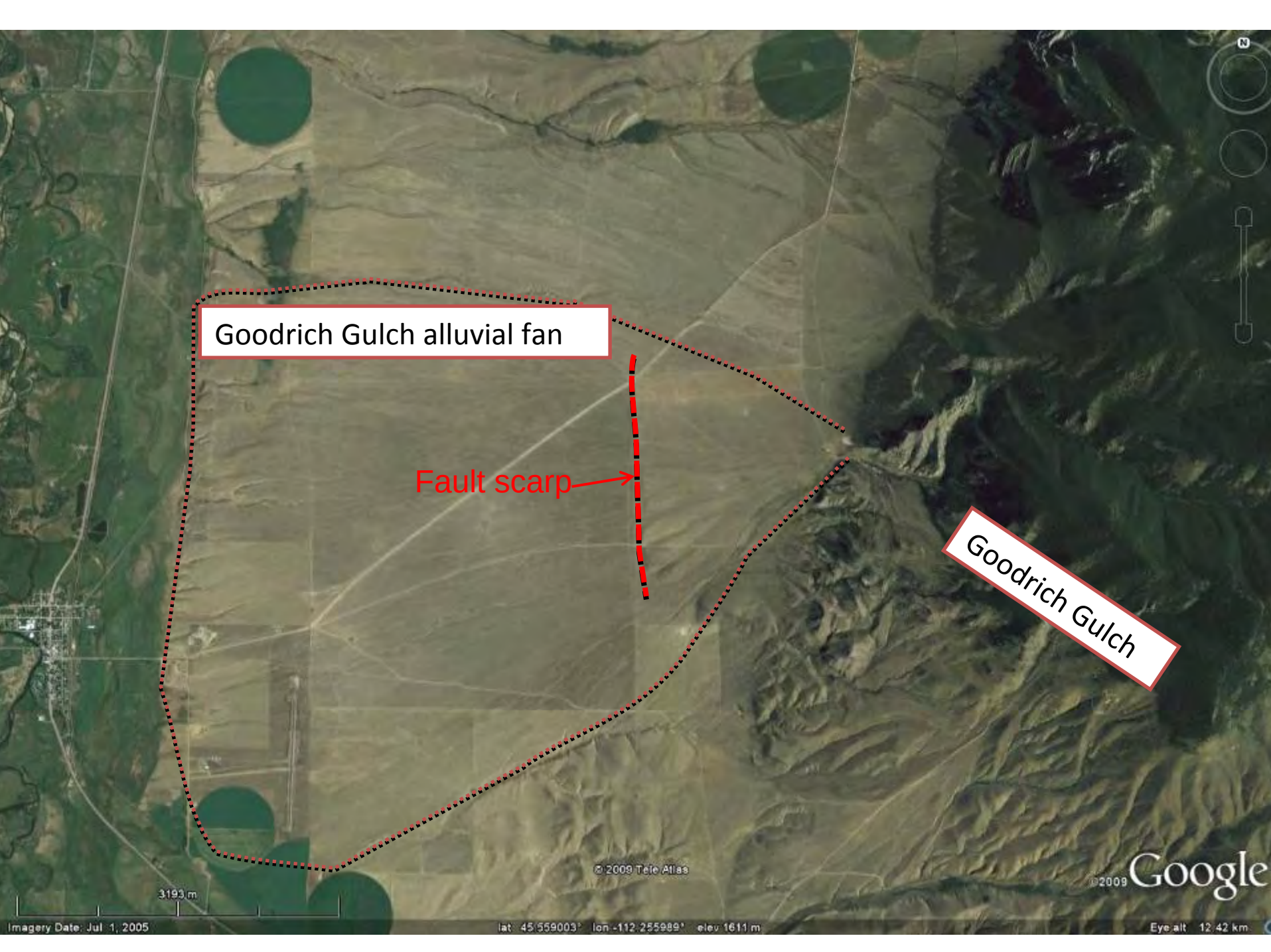
© 2009 Tele Atlas

© 2009 Google

Imagery Date: Jul 1, 2005

lat 45.841760° lon -112.088147° elev 1323 m

Eye alt 8.54 km



A satellite map showing a large, light-colored alluvial fan in the center-left. To the right is a rugged, mountainous area. A red dashed line outlines the fan's boundary. A red dashed line with a black center line indicates a fault scarp, with a red arrow pointing to it from the label 'Fault scarp'. The map includes a scale bar at the bottom left, a north arrow in the top right, and Google logo and coordinates at the bottom.

Goodrich Gulch alluvial fan

Fault scarp →

Goodrich Gulch

© 2009 Tele Atlas

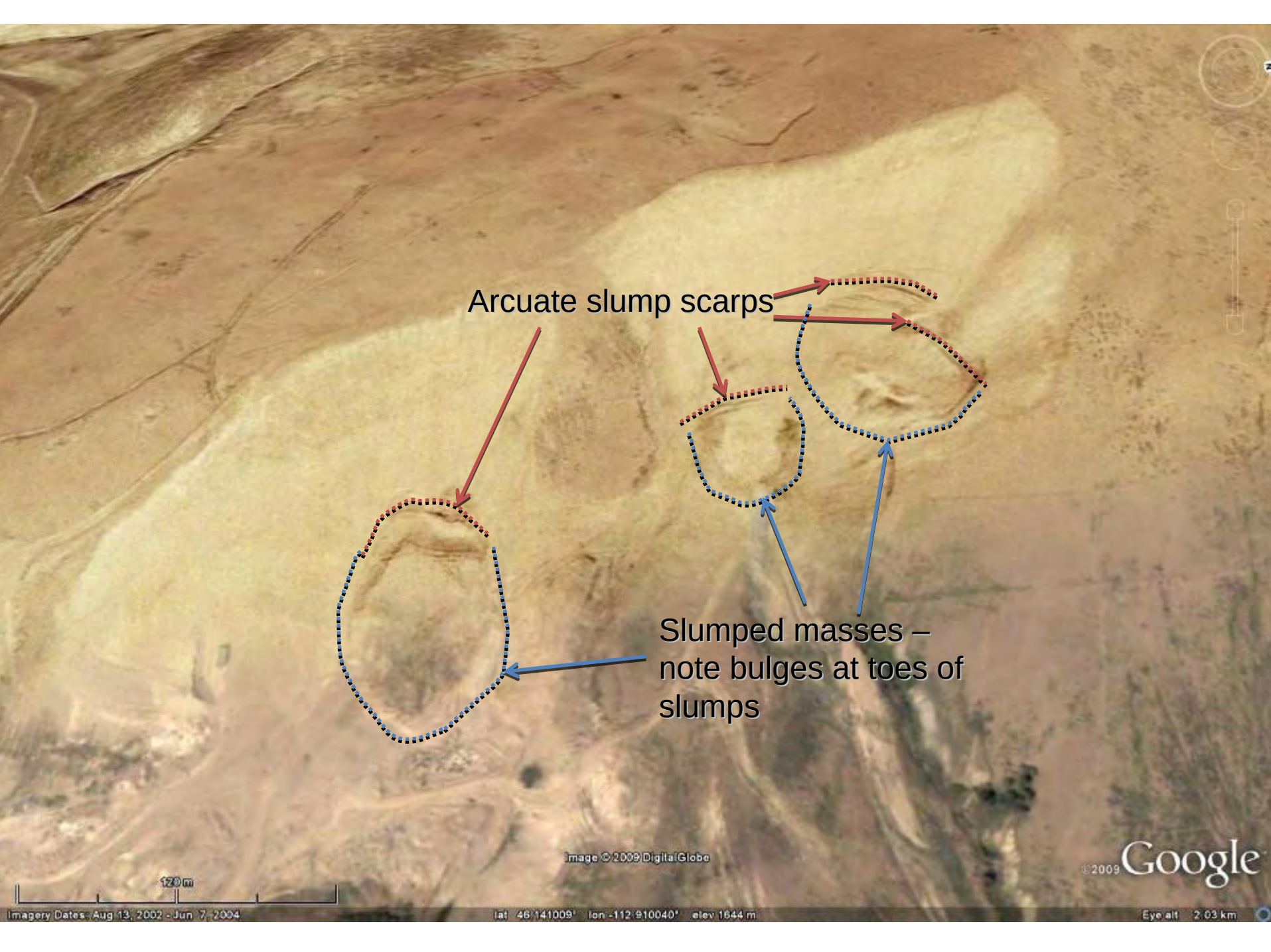
© 2008 Google

3193 m

Imagery Date: Jul 1, 2005

lat: 45.559003° lon: -112.255989° elev: 1611 m

Eye alt: 12.42 km



Arcuate slump scarps

Slumped masses –
note bulges at toes of
slumps

Image © 2009 DigitalGlobe

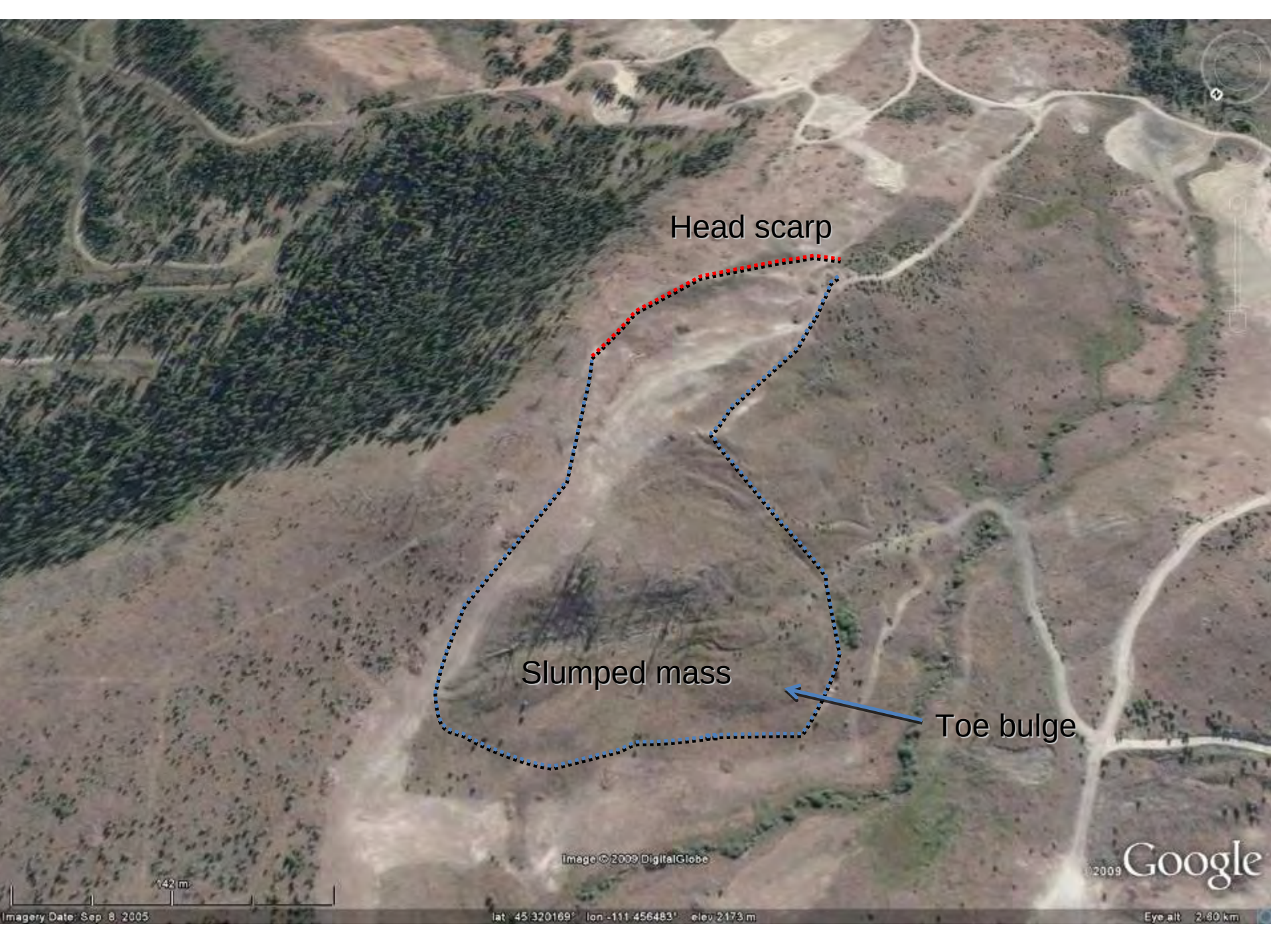
Google

120m

Imagery Dates: Aug 13, 2002 - Jun 7, 2004

lat: 46°14'10.09" lon: -112°9'10.040" elev: 1644 m

Eye alt: 2.03 km



Head scarp

Slumped mass

Toe bulge

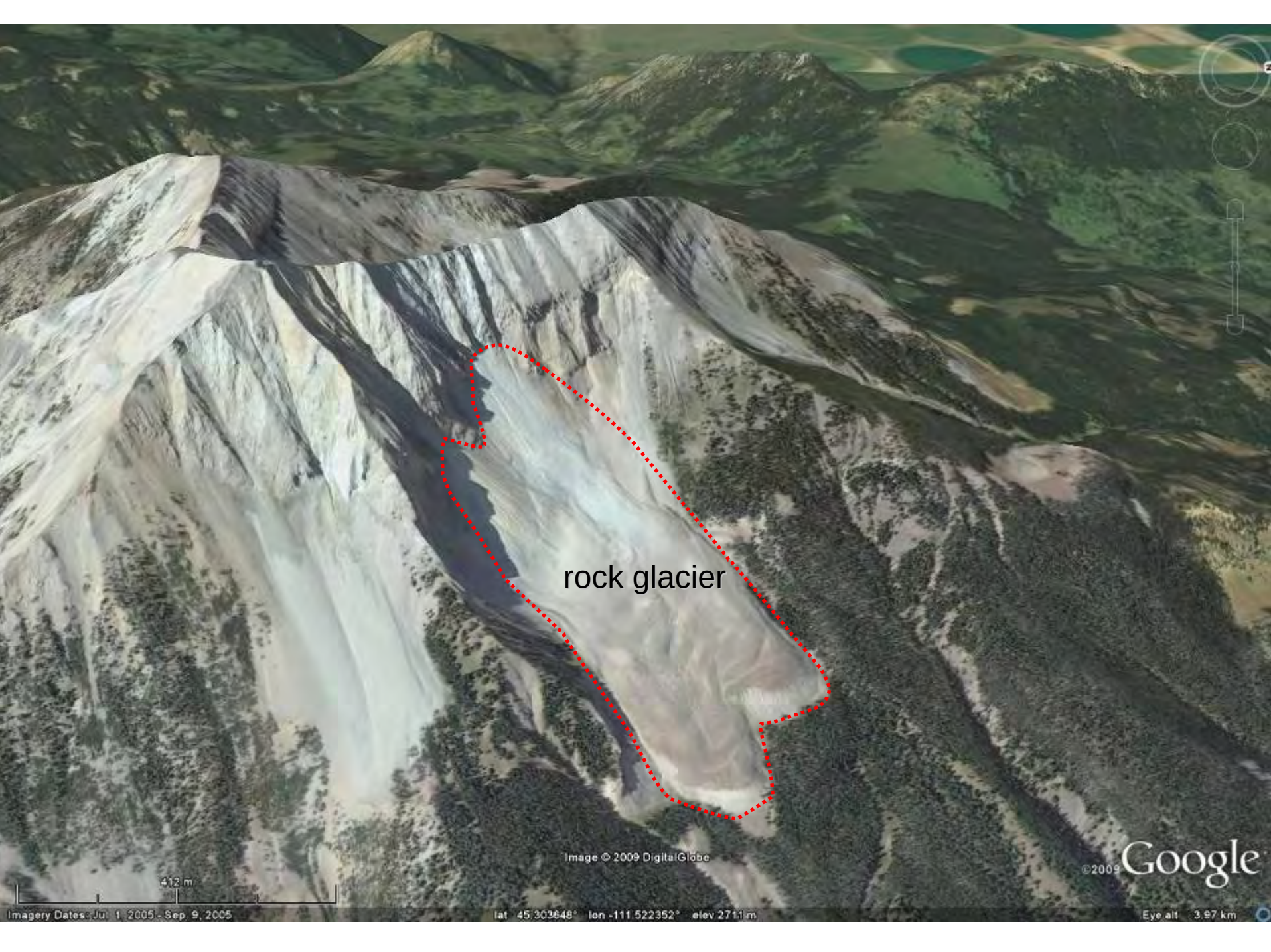
Image © 2009 DigitalGlobe

2009 Google

Imagery Date: Sep. 8, 2005

lat 45.320169° lon -111.456483° elev 2173 m

Eye alt 2.60 km



rock glacier

Image © 2009 DigitalGlobe

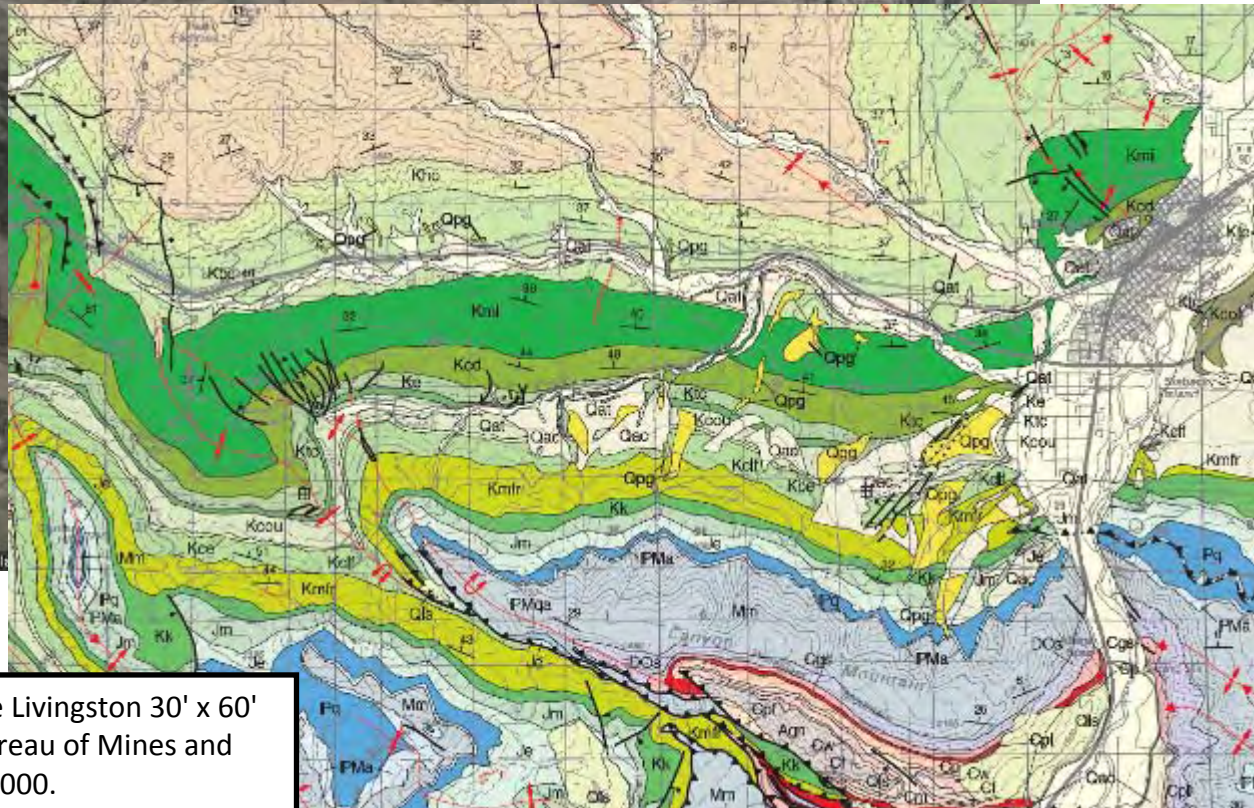
©2009 Google

412 m

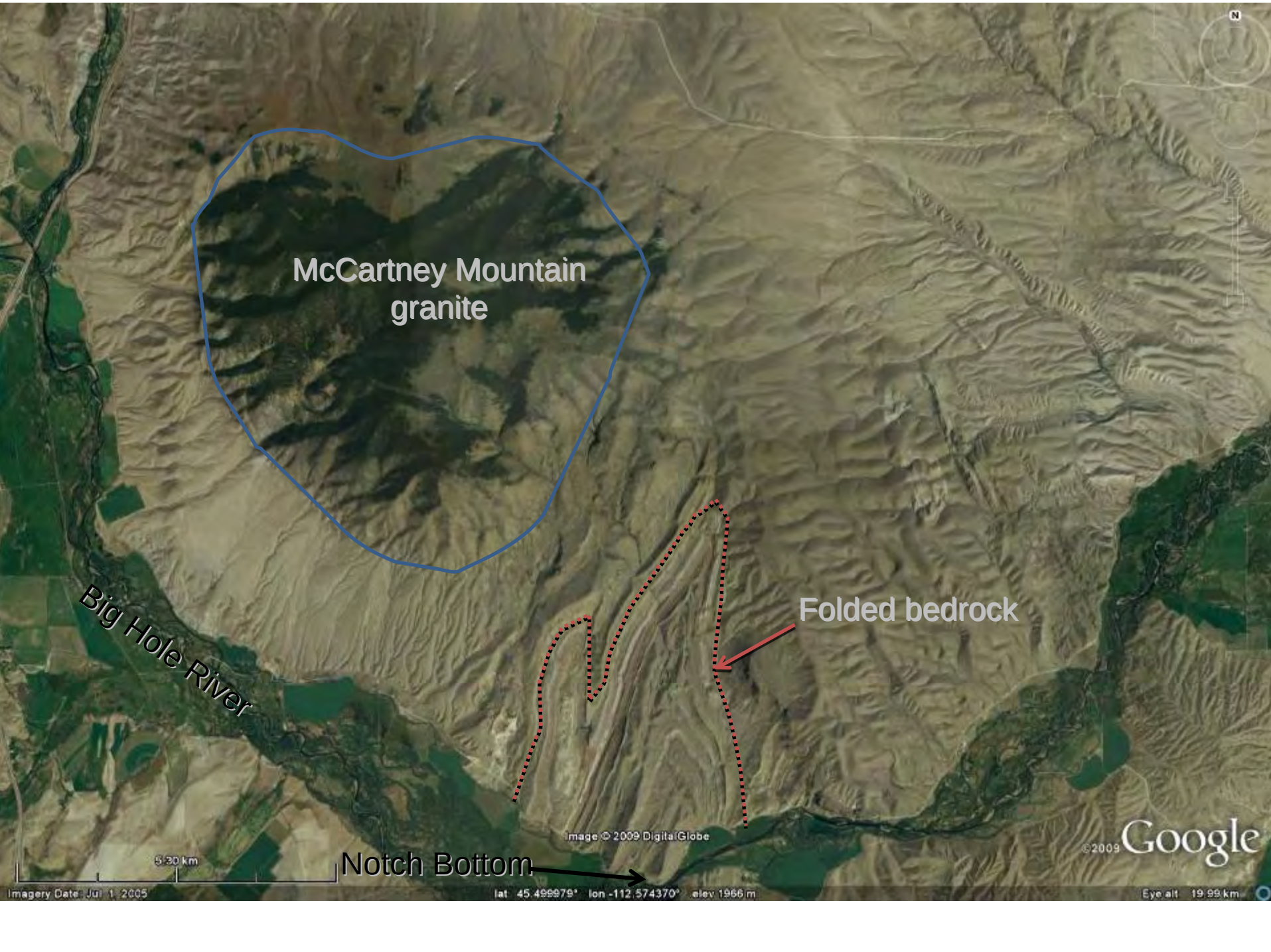
Imagery Dates: Jul 1, 2005 - Sep 9, 2005

lat 45.303648° lon -111.522352° elev 2711 m

Eye alt 3.97 km



Berg, R.B., Lopez, D.A., 2000, Geologic map of the Livingston 30' x 60' quadrangle, south-central Montana, Montana Bureau of Mines and Geology: Open-File Report 406, 1 sheet(s), 1:100,000.



McCartney Mountain
granite

Big Hole River

Folded bedrock

Notch Bottom

Image © 2009 DigitalGlobe

© 2009 Google

5.30 km

lat 45.499979° lon -112.574370° elev 1966 m

Eye alt 19.99 km

Imagery Date: Jul 1, 2005

North Fork Blackfoot River

Kleinschmidt
Flats alluvial
fan

Kleinschmidt Lake

potholes

Browns Lake

Image © 2009 DigitalGlobe

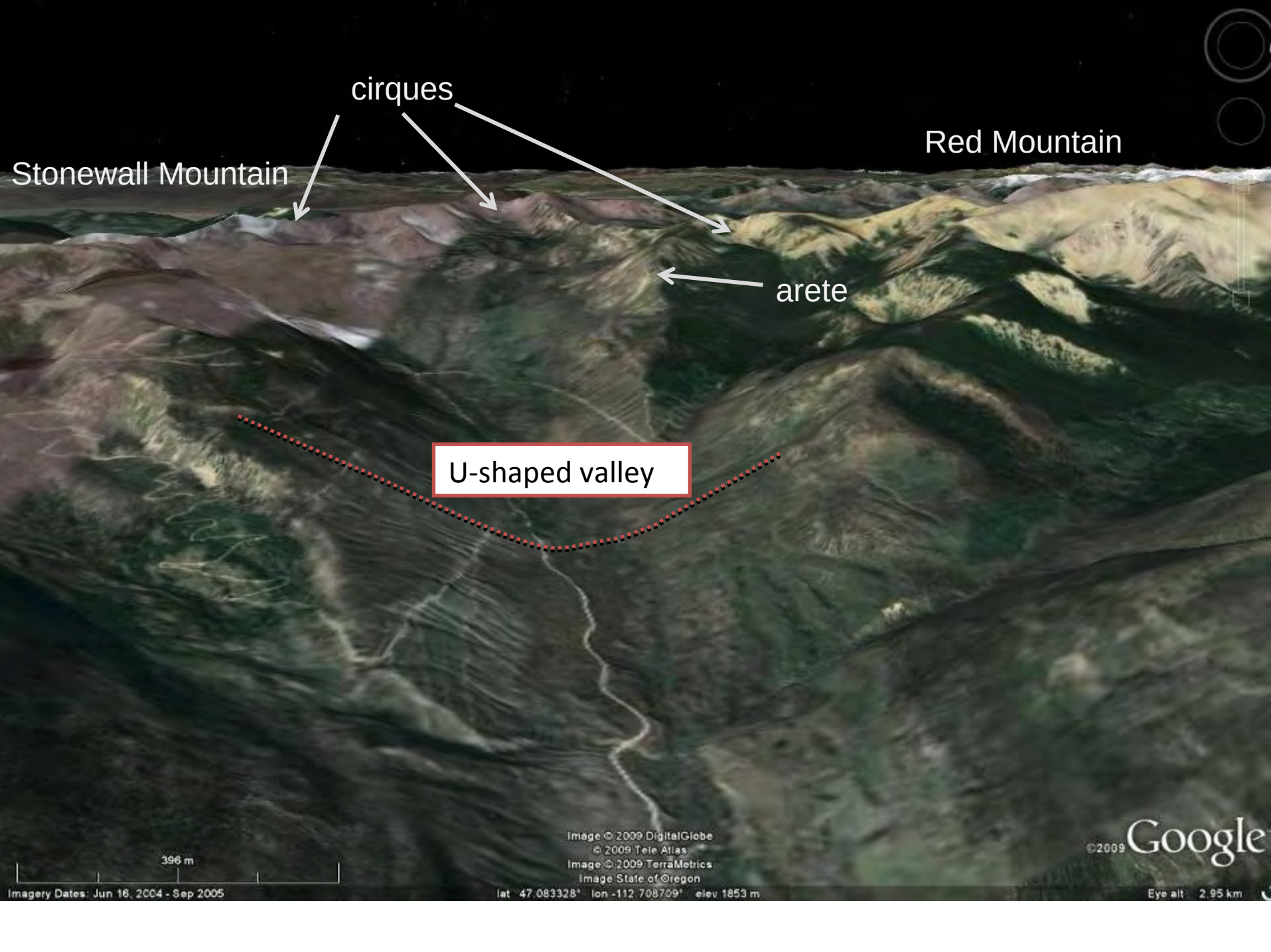
Google

3192 m

Imagery Dates: May 3, 2005 - Jul 1, 2005

lat 46.966547° lon -113.034688° elev 1279 m

Eye alt 12.30 km



cirques

Red Mountain

Stonewall Mountain

arete

U-shaped valley

Image © 2009 DigitalGlobe
© 2009 Tele Atlas
Image © 2009 TerraMetrics
Image State of Oregon

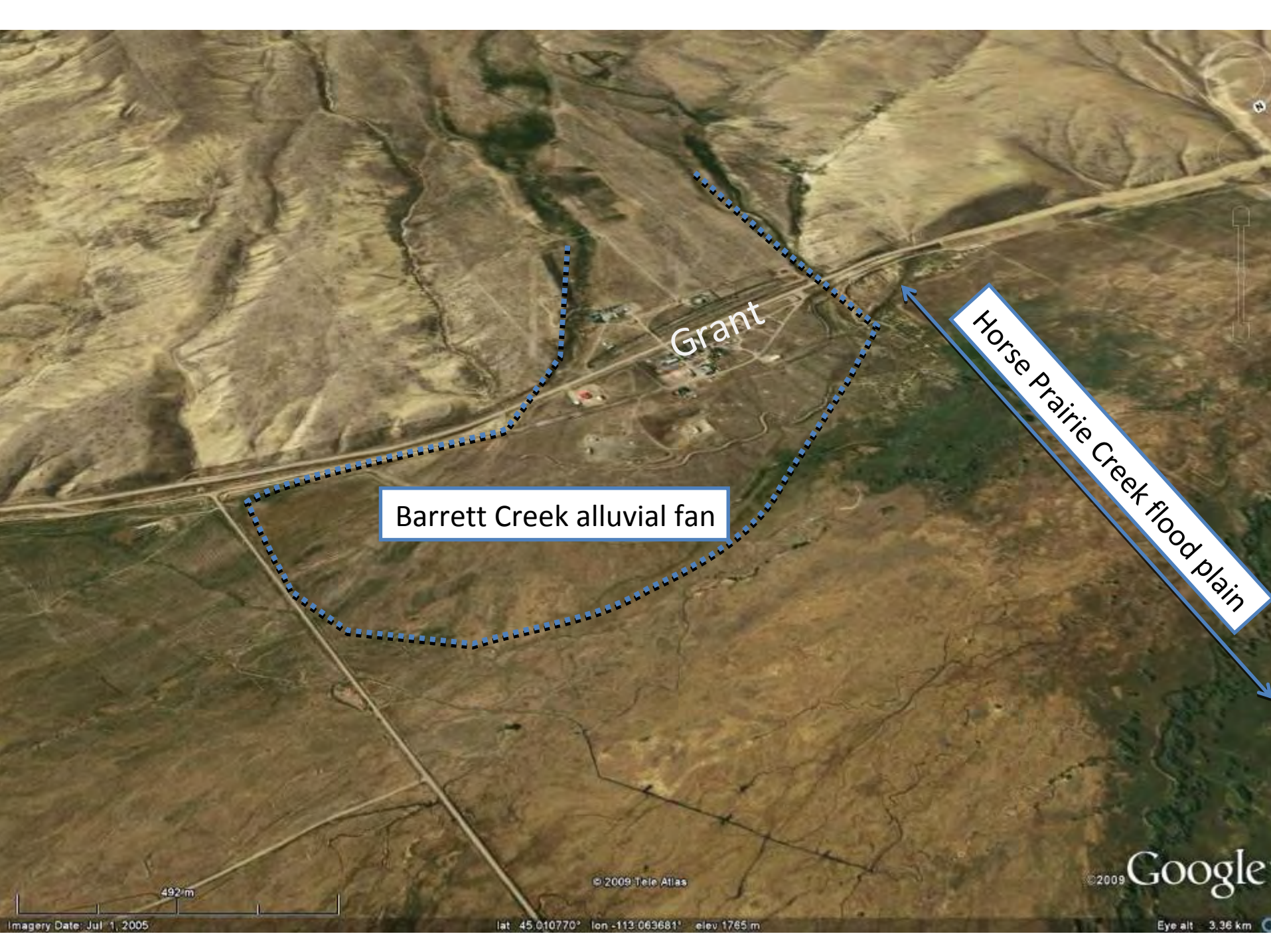
©2009 Google

396 m

lat 47.083328° lon -112.708709° elev 1853 m

Eye alt 2.95 km

Imagery Dates: Jun 16, 2004 - Sep 2005



Grant

Barrett Creek alluvial fan

Horse Prairie Creek flood plain

492 m

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Imagery Date: Jul 1, 2005

lat 45.010770° lon -113.063681° elev 1765 m

Eye alt 3.36 km